

Amendments to the Claims:

Please amend claims 7, 8, 11, 16, 19, 21, and 35, as shown in the following listing of claims, which will replace all prior versions and listings of claims in the application. In order to further prosecution in a timely manner, previously withdrawn non-elected claims 5, 33, and 34 have been cancelled without prejudice to their pursuit in an appropriate continuation or divisional application.

Listing of claims:

1 (cancelled).

2 (previously presented). The method of claim 7, wherein the analyzing step further includes phenotyping the processed biological sample and cells therein.

3 (previously presented). The method of claim 7, wherein the preserving means comprises:

- a. a weak base;
- b. a chelating agent;
- c. an anionic surfactant or detergent.

4 (previously presented). The method of claim 7, wherein the upstream processing step further includes dissociating the cells of the biological sample.

5.-6. (cancelled)

7 (currently amended). A method of genetic analysis, wherein the method comprises:

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